

Remarks/Arguments:

Claim Objection

Claim 12 is objected to as not having a transitional phrase to separate the body from the preamble. Applicant respectfully submits that claim 12 is in proper form and addresses the Examiner's concerns.

Allowable Subject Matter

Claims 14-19 and 22 are objected to as being dependent on a rejected base claim, but are indicated as being allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claim. Applicants respectfully submit that claim 14 is rewritten in independent form and contains the allowable subject matter of claims 14, 15, 16 and 17 written as alternatives therein. Applicants respectfully submit that claim 22 is rewritten in independent form and includes all of the limitations of base claim 12. It is respectfully submitted that claims 14 and 22 are in condition for allowance.

Claim Rejections Under 35 U.S.C. §102

Claims 12, 13, 20 and 21 stand rejected under 35 U.S.C. §102(b) as anticipated by U.S. Patent No. 5,587,698 (Genna). Applicant respectfully traverses these rejections.

"A claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference." M.P.E.P. §2131 *citing Verdegaal Bros. v. Union Oil Co. of California*, 814 F.2d 628, 631, 2 USPQ2d 1051, 1053 (Fed. Cir. 1987).

Independent claim 12 recites a "[m]ethod for compensating temperature in a system for tire pressure monitoring, comprising: determining a compensated gas temperature in the tire by way of at least two items of temperature information; and utilizing the determined compensated gas temperature to determine a tire pressure value for use in tire pressure monitoring." Applicant respectfully submits that none of the cited references, either alone or in any reasonable combination, teaches or suggests determining a compensated gas temperature by way of at least two items of temperature information and utilizing the determined

compensated gas temperature to determine a tire pressure value for use in tire pressure monitoring.

Genna teaches a tire including two temperature sensors, namely, an air temperature sensor 85 fixedly mounted on the wheel 82 and a surface temperature sensor 85S fixedly disposed on the interior wall surface of the tire. The air temperature sensor 85 is mounted on the wheel 82 and experiences the shortcomings described in the background section of the present invention. As explained therein, and illustrated in Figures 1 and 2 of the present invention, the wheel mounted sensor 85 may not provide an accurate air temperature, but instead, may be overly influenced by wheel or brake temperature or the like. Genna does not teach or suggest utilizing second temperature information to determine a compensated gas temperature. The surface temperature sensor 85S simply monitors the tire temperature to avoid overheating of the tire and the consequences thereof as described in Genna at column 4, lines 20-41. Genna does not teach or suggest utilizing the tire surface temperature to determine a compensated gas temperature, nor utilizing a determined compensated gas temperature to determine a tire pressure value for use in tire pressure monitoring. Since Genna fails to teach or suggest each limitation of the claimed invention, the reference does not anticipate nor render obvious the claimed invention.

It is respectfully submitted that independent claim 12 is in condition for allowance. Claims 13, 15-21 and 23 each depend from claim 12, and therefore, are each allowable for at least the reasons set forth above.

New claim 23 further recites "temperature compensation is discontinued when a rate of change of one of the items of temperature information is above a given value." Support for this claim is found in the clean copy of the replacement specification in the first full paragraph on page 15. Genna does not teach or suggest monitoring a rate of change of the temperatures nor discontinuing temperature compensation when the rate of change of one of the items of temperature information is above a given value. Since Genna fails to teach or suggest each limitation of the claimed invention, the reference does not anticipate nor render obvious the claimed invention.

It is respectfully submitted that each of the pending claims is in condition for allowance. Early reconsideration and allowance of each of the pending claims are respectfully requested.

If the Examiner believes an interview, either personal or telephonic, will advance the prosecution of this matter, it is respectfully requested that the Examiner contact the undersigned to arrange the same.

Respectfully submitted,



Robert P. Seitter, Reg. No. 24,856
Glenn M. Massina, Reg. No. 40,081
Attorneys for Applicants

RPS/GMM/dhm

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<input checked="" type="checkbox"/> P.O. Box 980 Valley Forge, PA 19482 (610) 407-0700
<input type="checkbox"/> P.O. Box 1596 Wilmington, DE 19899 (302) 778-2500

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